

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--|------------------|---------|---------------------|
| S1 | 358 | 375/262.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S2 | 698 | 375/285.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S3 | 701 | 375/259.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S4 | 358 | 375/262.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S5 | 393 | 375/265.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S6 | 1990 | "14", "15", "16", "17", 375/265.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 12:07 |
| S7 | 2550 | ((transmit\$5 and receiv\$) same (encod\$3 adj2 bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 12:09 |
| S8 | 145 | ("14", "15", "16", "17", 375/265.ccls.) and (((transmit\$5 and receiv\$) same (encod\$3 adj2 bit))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 12:10 |
| S9 | 3461 | ((refrain\$3 or hold\$3) adj1 transmi\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 15:15 |
| S10 | 1 | ((("14", "15", "16", "17", 375/265.ccls.) and (((transmit\$5 and receiv\$) same (encod\$3 adj2 bit)))) and (((refrain\$3 or hold \$3) adj1 transmi\$6))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 12:14 |
| S11 | 1 | "5910967".PN. | USPAT | OR | OFF | 2004/07/22 12:22 |
| S12 | 426249 | (acknowledg\$3 receiv\$5) and (overhead bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 13:14 |
| S13 | 145 | ((("14", "15", "16", "17", 375/265.ccls.) and (((transmit\$5 and receiv\$) same (encod\$3 adj2 bit)))) and (((acknowledg\$3 receiv \$5) and (overhead bit))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 13:33 |

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| S14 | 503 | 714/748.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 13:34 |
| S15 | 379 | 714/748.ccls. and ((acknowledg\$3 receiv\$5) and (overhead bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 13:35 |
| S16 | 60 | ((714/748.ccls. and ((acknowledg\$3 receiv\$5) and (overhead bit))) and orc) and ARQ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/17 16:26 |
| S17 | 1 | "5717689".PN. | USPAT | OR | OFF | 2004/07/22 14:27 |
| S18 | 1 | "6021124".PN. | USPAT | OR | OFF | 2004/07/22 14:44 |
| S19 | 1 | "6505034".PN. | USPAT | OR | OFF | 2004/07/22 14:50 |
| S20 | 1 | "4901307".PN. | USPAT | OR | OFF | 2004/07/22 14:54 |
| S21 | 1 | "5103459".PN. | USPAT | OR | OFF | 2004/07/22 14:55 |
| S22 | 153 | (714/748.ccls. and ((acknowledg\$3 receiv\$5) and (overhead bit))) and (refrain\$4 or avoid\$3 or cease\$ or abstain\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 15:02 |
| S23 | 66 | ((714/748.ccls. and ((acknowledg\$3 receiv\$5) and (overhead bit))) and (refrain\$4 or avoid\$3 or cease\$ or abstain\$4)) and ACK | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/27 10:43 |
| S24 | 0 | ((714/748.ccls. and ((acknowledg\$3 receiv\$5) and (overhead bit))) and (refrain\$4 or avoid\$3 or cease\$ or abstain\$4)) and ((transmit\$4 adj2 overhead) same encod\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 15:33 |
| S25 | 0 | ((transmit\$4 adj2 overhead) same encod\$3) and 370/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 15:34 |
| S26 | 2 | ((transmit\$4 adj2 overhead) same encod\$3) and 370/474.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 15:34 |
| S27 | 56 | (transmit\$4 adj2 overhead) same encod\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/11 08:52 |
| S28 | 134 | (714/748.ccls. and ((acknowledg\$3 receiv\$5) and (overhead bit))) and orc | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/07/22 17:35 |

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| S29 | 537 | 370/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/11 08:52 |
| S30 | 1020 | 370/474.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/11 08:52 |
| S31 | 1501 | "1", 370/474.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/11 08:52 |
| S32 | 38 | ("1", 370/474.ccls.) and (((acknowledg\$3 receiv\$5) and (overhead bit)) and crc) and ARQ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:08 |
| S33 | 220 | 375/358.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/11 10:29 |
| S34 | 1 | ((("1", 370/474.ccls.) and (((acknowledg\$3 receiv\$5) and (overhead bit)) and crc) and ARQ) and 375/358.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/11 10:54 |
| S35 | 2 | 375/358.ccls. and (((acknowledg\$3 receiv\$5) and (overhead bit)) and crc) and ARQ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 09:59 |
| S36 | 5 | ((("1", 370/474.ccls.) and (((acknowledg\$3 receiv\$5) and (overhead bit)) and crc) and ARQ) and (refrain or desist or abstain or cease)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 11:26 |
| S37 | 0 | (((("1", 370/474.ccls.) and (((acknowledg\$3 receiv\$5) and (overhead bit)) and crc) and ARQ) and (refrain or desist or abstain or cease)) and 375/358.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 11:27 |
| S38 | 225 | "10", 375/358.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 11:27 |
| S39 | 155481 | (without over\$head) and (bit) and (transmission) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:17 |
| S40 | 19510 | ((without over\$head) and (bit) and (transmission)) and (acknowledg\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:18 |
| S41 | 10060 | ((without over\$head) and (bit) and (transmission)) and (acknowledg\$4) and (encod\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:21 |

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|-----|-------|---|--|----|----|---------------------|
| S42 | 1677 | (((((without over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:22 |
| S43 | 260 | (((((without over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload) and (refrain or abstain or cease) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:23 |
| S44 | 125 | (((((without over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload) and (refrain or abstain or cease)) and combine | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:26 |
| S45 | 125 | (((((without over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload) and (refrain or abstain or cease)) and (combine) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:26 |
| S46 | 125 | ((((((without over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload) and (refrain or abstain or cease)) and (combine)) and (original or first) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/12 13:37 |
| S47 | 125 | ((((((without over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload) and (refrain or abstain or cease)) and (combine)) and (original or first)) and (cod\$4 or encod\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 14:25 |
| S48 | 2557 | 714 746-751.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/17 16:25 |
| S49 | 15898 | ((((acknowledg\$3 receiv\$5) and (overhead bit)) and crc) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/17 16:28 |
| S50 | 1749 | ((((acknowledg\$3 receiv\$5) and (overhead bit)) and crc) and (original adj2 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/17 16:29 |

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| S51 | 55 | 714/746-751.ccls. and (((acknowledg\$3 receiv \$5) and (overhead bit)) and crc)) and (original adj2 data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/27 14:30 |
| S52 | 1 | "06594791" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/08/17 16:32 |
| S53 | 1 | "6418549".PN. | USPAT | OR | OFF | 2004/08/17 16:43 |
| S54 | 3872 | ((refrain\$4 or hold\$4) adj transmi\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 11:41 |
| S55 | 65 | S54 and ("714"/\$.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 16:44 |
| S56 | 0 | "200200122337" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 16:37 |
| S57 | 0 | "2002/00122337" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 16:37 |
| S58 | 1 | "06839325" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 16:38 |
| S59 | 814 | S54 and ("714"/\$.ccls. or "455"/\$.ccls. or "370"/\$. ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 16:45 |
| S60 | 576 | S59 and ((acknowledg\$3 receiv\$5) and (overhead bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 16:47 |
| S61 | 435 | S60 and error\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/06/29 16:47 |
| S62 | 12441 | ((refrain\$4 or hold\$back or hold\$4 adj (transmi\$6 or re\$transmi\$7)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 11:46 |
| S63 | 1660 | S62 and ("714"/\$.ccls. or "455"/\$.ccls. or "370"/\$. ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 11:46 |
| S64 | 1660 | S62 and ("714"/\$.ccls. or "455"/\$.ccls. or "370"/\$. ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 11:48 |
| S65 | 954 | S64 and (over\$head bit) and (encod\$3 or cod\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 11:49 |
| S66 | 16 | S64 and (over\$head adj bit) and (encod\$3 or cod \$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 12:55 |

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| S67 | 17 | S64 and (over\$head adj bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 12:57 |
| S68 | 55 | S64 and (over\$head near4 bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:17 |
| S69 | 19 | S68 and (acknowledg\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/05 12:58 |
| S70 | 204 | (((((without over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload) and (refrain or abstain or cease)) and (combine)) and (original or first)) and (cod\$4 or encod\$3 or uncod\$3 or uncoded) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 14:26 |
| S71 | 204 | (((((without or no adj over\$head) and (bit) and (transmission)) and (acknowledg\$4)) and (encod\$3)) and payload) and (refrain or abstain or cease)) and (combine)) and (original or first)) and (cod\$4 or encod\$3 or uncod\$3 or uncoded) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:12 |
| S72 | 1018847 | (transmit adj un\$cod\$3 adj data or bits or symbol) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:13 |
| S73 | 670 | 370/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:13 |
| S74 | 1337 | 370/474.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:14 |
| S75 | 1932 | S73 S74 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:14 |
| S76 | 1591 | S72 and S75 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:14 |
| S77 | 500 | S76 and CRC | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:15 |
| S78 | 478 | S77 and (no or without adj over\$head) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:16 |
| S79 | 243 | S78 and original | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:17 |

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| S80 | 196 | S79 and plurality | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:18 |
| S81 | 115 | S80 and encod\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/21 15:20 |
| S82 | 20 | S81 and ack and (nak or nak) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 14:59 |
| S83 | 1 | "6505034".PN. | USPAT; USOCR | OR | ON | 2005/12/21 15:42 |
| S84 | 75 | (encod\$3 with overhead) and ack and (nak or nak) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:22 |
| S85 | 4551226 | (hold transmission of overhead bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 13:54 |
| S86 | 75 | S84 and S85 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 13:40 |
| S87 | 2383591 | (hold or refrain transmi\$6 same overhead bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 13:55 |
| S88 | 381435 | S87 and "375"/\$.cls. or "370"/\$.cls. or "455"/\$. cls. or "714"/\$.cls. or "340"/\$.cls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:55 |
| S89 | 36908 | S88 and (encod\$3) and (produce overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 13:58 |
| S90 | 6 | S88 and (encod\$3) and (produce adj overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 14:22 |
| S91 | 5847608 | (transmit\$3 raw or original data) exclude overhead | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 14:25 |
| S92 | 3628525 | S91 and (plurality adj 1 original data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 14:29 |
| S93 | 3628237 | S92 and (transmit only data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 14:32 |
| S94 | 0 | (transmit adj without adj overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:26 |
| S95 | 0 | (transmit\$4 adj without adj overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:01 |
| S96 | 30754 | (transmit\$4 adj original or raw adj data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:02 |

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| S97 | 19495 | S96 and plurality | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:03 |
| S98 | 142 | S97 and (refrain or hold adj transmi\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:12 |
| S99 | 1196206 | (transmit or broadcast adj without adj overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:55 |
| S100 | 13718 | S96 and S99 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:55 |
| S101 | 353494 | S100 and "375"/\$.ccls. or "370"/\$.ccls. or "455"/\$. ccls. or "714"/\$.ccls.or "340"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/19 15:55 |
| S102 | 37744 | (transmit adj without adj overhead or preamble) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:34 |
| S103 | 27405 | S102 and (plurality data bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:28 |
| S104 | 493 | S102 and (plurality same data adj bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:28 |
| S105 | 493 | S102 and (plurality same (data adj bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:36 |
| S106 | 131 | S105 and (refrain or stop) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:30 |
| S107 | 132 | S105 and (refrain\$3 or stop) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:37 |
| S108 | 202991 | (transmit adj without adj overhead or preamble or pilot) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:35 |
| S109 | 802 | S108 and (plurality same (data adj bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:36 |
| S110 | 192 | S109 and (refrain\$3 or stop) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:37 |
| S111 | 4973 | S110 and ACK or NAK | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:38 |
| S112 | 4973 | S110 and "ACK" or "NAK" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:39 |

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| S113 | 2631143 | S112 and encod\$3 or cod \$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/20 12:40 |
| S114 | 1 | "20010056560".PN. | US-PGPUB | OR | ON | 2006/06/21 12:48 |
| S115 | 1 | "6009553".PN. | USPAT; USOCR | OR | ON | 2006/06/21 13:47 |
| S116 | 1 | "5878098".PN. | USPAT; USOCR | OR | ON | 2006/06/21 13:55 |
| S117 | 1 | "5600663".PN. | USPAT; USOCR | OR | ON | 2006/06/21 13:56 |
| S118 | 1 | "4803685".PN. | USPAT; USOCR | OR | ON | 2006/06/21 14:15 |
| S119 | 360 | 370/278.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/21 16:52 |
| S120 | 480 | 370/282.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/21 16:52 |
| S121 | 2915 | 370/252.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/21 16:52 |
| S122 | 3673 | S119 S120 S121 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/21 16:52 |
| S123 | 73 | 714/746-751.ccls. and ((((acknowledg\$3 receiv \$5) and (overhead bit)) and crc)) and (original adj2 data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/21 16:54 |
| S124 | 3 | S123 and S122 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/21 16:54 |
| S125 | 14238 | (refrain\$4 or hold\$back or hold\$4 adj (transmi\$6 or re\$transmi\$7)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:17 |
| S126 | 2047 | S125 and ("714"/\$.ccls. or "455"/\$.ccls. or "370"/\$. ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:17 |
| S127 | 590 | S126 and (over\$head or overhaed near4 bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:17 |
| S128 | 681 | S126 and (over\$head or overhead or header near4 bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:19 |
| S129 | 652 | S128 and (reference or original adj data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:20 |
| S130 | 29 | S128 and ((reference or original) adj data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:20 |

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|------|---------|---|--|----|----|---------------------|
| S131 | 60 | S126 and (overhead near4 bit) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/25 08:50 |
| S132 | 74 | 714/746-751.ccls. and (((acknowledg\$3 receiv \$5) and (overhead or redundant bit)) and crc)) and (original adj2 data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/02 13:12 |
| S133 | 1 | "6208663".PN. | USPAT; USOCR | OR | ON | 2006/06/26 08:23 |
| S134 | 1 | "5805816".PN. | USPAT; USOCR | OR | ON | 2006/06/26 08:27 |
| S135 | 0 | sipola.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 09:42 |
| S136 | 1387557 | (transmitter same refrain or avoid or abstain or desist or cease near4 transmitting) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 12:07 |
| S137 | 10765 | (transmitter same (refrain or avoid or abstain or desist or cease near4 transmitting)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 12:07 |
| S138 | 7678 | S137 and (plurality same original data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 12:34 |
| S139 | 5 | S138 and (transmit adj original adj data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 12:09 |
| S140 | 24 | S137 and (plurality same original adj data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 13:29 |
| S141 | 362 | 370/278.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 13:30 |
| S142 | 480 | 370/282.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 13:30 |
| S143 | 2929 | 370/252.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 15:11 |
| S144 | 120 | S141 and (refrain or stop overhead or overhead or CRC or checksum) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 13:32 |
| S145 | 2700 | S143 and (transmit without overhead or overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 15:19 |
| S146 | 13 | S144 and S145 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 15:13 |

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| S147 | 2700 | S143 and (transmit without overhead or overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 15:59 |
| S148 | 2657 | S147 and (first transmission) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 15:22 |
| S149 | 120 | S147 and (first adj transmission) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 15:58 |
| S150 | 145142 | S149 and "375"/\$.ccls. or "370"/\$.ccls. or "714"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 15:58 |
| S151 | 17366 | S150 and (transmit adj without overhead or overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:00 |
| S152 | 17131 | S151 and (encoded adj1 overhead or overhead) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:01 |
| S153 | 14668 | S151 and (original adj data or signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:01 |
| S154 | 419 | S153 and "NACK" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:02 |
| S155 | 190 | S154 and (refrain or stop or cease) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:03 |
| S156 | 168 | S155 and plurality | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:04 |
| S157 | 190 | S155 and (plurality of data bits) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:05 |
| S158 | 111 | S157 and combined and decoded | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 16:05 |
| S159 | 1 | (superpacket or super packet) and selector and (data near path) and encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/27 10:46 |
| S160 | 11 | (superpacket or super packet) and selector | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 15:59 |
| S161 | 73 | 714/746-751.ccls. and (((acknowledged receive) and (overhead bit)) and crc) and (original adj2 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/07 11:39 |
| S162 | 2 | "06289054" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/05 16:00 |

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| S163 | 12 | (refrain\$3 adj1 transmit\$6 same overhead) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/07 10:41 |
| S164 | 3 | "06126310" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/07 10:42 |
| S165 | 91 | 714/746-751.ccls. and ((((acknowledg\$3 receiv \$5) and (overhead bit)) and parity)) and (original adj2 data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/07 11:39 |
| S166 | 1 | (path adj1 select\$3) same (ACK or NACK or NAK) same encod\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 11:38 |
| S167 | 235 | (path adj1 select\$3) and (ACK or NACK or NAK) and encod\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 11:43 |
| S168 | 139 | (path adj1 select\$3) and (ACK or NACK or NAK) and encod\$3 and (overhead or payload) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 12:05 |
| S169 | 829 | 702/57.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 12:06 |
| S170 | 1 | S168 and S169 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 12:05 |
| S171 | 36 | S169 and (redundant) and (original data bit\$2) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 12:07 |
| S172 | 2388 | "\$321" and select\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 12:53 |
| S173 | 65 | 714/746-751.ccls. and ((((acknowledg\$3 receiv \$5) and (overhead or redundant bit)) and crc)) and (original adj2 data)) and select\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/02 13:09 |
| S174 | 7773097 | (data path select other of the original data bit) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 13:09 |

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| S175 | 159198 | (data path select other of the original data bit\$2) and overhead | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/02 13:10 |
| S176 | 32 | S175 and 714/746-751. ccls. and (((acknowledg \$3 receiv\$5) and (overhead or redundant bit)) and crc)) and (original adj2 data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:12 |
| S177 | 1108 | 370/208.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:22 |
| S178 | 1092 | S177 and (select\$3 data path) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:23 |
| S179 | 2 | S177 and (select\$3 adj1 data same path) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:27 |
| S180 | 627 | S177 and (select\$3 adj1 data path) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:24 |
| S181 | 0 | S177 and (select\$3 adj1 data adj1 path) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:25 |
| S182 | 4 | S177 and (select\$3 same data adj1 path) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:25 |
| S183 | 181 | encod\$3 same (select\$3 adj1 data same path) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:28 |
| S184 | 39 | S183 and (original adj1 data) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/03 09:28 |
| S185 | 8584480 | (transmitter to receive data and encode or code data received) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:13 |
| S186 | 587 | 375/262.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S187 | 934 | 375/285.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |

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|------|---------|--|---|----|----|---------------------|
| S188 | 1079 | 375/259.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S189 | 587 | 375/262.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:15 |
| S190 | 658 | 375/265.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:16 |
| S191 | 3010 | S186 S187 S188 S189 S190 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:17 |
| S192 | 8584480 | (transmitter to receive data and encode or code data received) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:18 |
| S193 | 2853 | S191 and S192 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:17 |
| S194 | 34937 | (transmitter same receive adj1 data same encode or code adj2 received) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:20 |
| S195 | 4817 | S194 and (overhead CRC) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:20 |
| S196 | 40 | S195 and (select\$3 adj1 path) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:41 |
| S197 | 7 | (select\$3 adj1 original adj data same overhead) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:45 |
| S198 | 2897212 | ((select\$3 adj1 path) same overhead same encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:03 |
| S199 | 2897211 | ((select\$3 adj1 data adj1 path) same overhead same encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:48 |
| S200 | 88 | 714/746-751.ccls. and (((acknowledg\$3 receiv \$5) and (overhead bit)) and crc)) and (original adj2 data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/10/08 11:49 |

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| S201 | 85 | S199 and S200 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 12:46 |
| S202 | 0 | S201 and 375/341.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 12:46 |
| S203 | 1477 | 375/341.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 12:47 |
| S204 | 116 | S194 and S203 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/08 12:47 |
| S205 | 2897987 | ((select\$3 adj1 original adj1 data) same (overhead or redundant adj bit\$1) same encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:05 |
| S206 | 2897987 | ((select\$3 adj1 original adj1 data) near1 (overhead or redundant adj bit\$1) same encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:06 |
| S207 | 2897987 | ((select\$3 adj original adj data) near1 (overhead or redundant adj bit\$1) same encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:07 |
| S208 | 2897987 | ((select\$3 adj original adj data) near1 (overhead or redundant adj bit\$1) near encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:08 |
| S209 | 2897987 | ((select\$3 adj original adj data) near (overhead or redundant adj bit\$1) near encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:38 |
| S210 | 239181 | S209 and algorithm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:09 |
| S211 | 3034 | S209 and (encoding adj algorithm) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:39 |
| S212 | 77 | S211 and ACK | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:10 |

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| S213 | 2897987 | ((select\$3 adj original adj data) near (overhead or redund\$5 adj bit\$1) near encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:41 |
| S214 | 438793 | S213 and (encod\$4 or cod \$4 adj algorithm) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:42 |
| S215 | 2897987 | ((select\$3 adj original adj data adj bit\$1) near (overhead or redund\$5 adj bit\$1) near encod\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:41 |
| S216 | 8674 | S215 and (encod\$4 or cod \$4 adj algorithm) and ACK | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:47 |
| S217 | 2259 | S216 and (communication adj channel) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:47 |
| S218 | 133 | S216 and (data adj communication adj channel) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/10/09 08:48 |
| S219 | 2 | "20030206561" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/27 13:23 |
| S220 | 296 | 714/746-758.ccls. and (((acknowledg\$3 receiv \$5) and (overhead bit)) and crc) and (original adj2 data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/27 23:41 |
| S221 | 150 | 714/746-758.ccls. and (((acknowledg\$3 receiv \$5) and (overhead bit)) and crc) and (original adj2 data) and parity | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/27 23:41 |
| S222 | 92 | S221 and (data near4 bit \$2) same (cyclical redundancy or CRC) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/27 23:44 |
| S223 | 78 | S222 and encod\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/08/27 23:45 |
| S224 | 2146525 | (hold or refrain near3 transmi\$6 same overhead adj1 bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/21 19:07 |
| S225 | 16 | (hold or refrain near3 transmi\$6) same (overhead adj1 bit\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/21 19:07 |

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| S226 | 4755942 | ((determin\$3 or check\$3 near3 data adj receiv\$3 near2 correct\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/21 19:20 |
| S227 | 370 | ((determin\$3 or check\$30 near3 data) adj receiv\$3 near2 correct\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/21 19:21 |
| S228 | 370 | ((((determin\$3 or check\$30 near3 data) adj receiv\$3) near2 correct\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/21 19:21 |
| S229 | 4 | transmitter same (original near1 data near1 (cyclical adj redundancy adj check or CRC)) and receiver and (determin\$4 or acknowledg\$3 or ACK) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:01 |
| S230 | 3977321 | ((encod\$3 or cod\$3 or append\$4 near1 data near1 (cyclical redundancy check or CRC)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:28 |
| S231 | 2144 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:28 |
| S232 | 0 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and (check\$3 near CRC near1 request\$4 near1 parity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:40 |
| S233 | 0 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and (check\$3 near2 CRC near1 request\$4 near1 parity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:41 |
| S234 | 0 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and ((request\$4 near1 parity near2 error) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:42 |

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| S235 | 4 | transmitter same (original near1 data near1 (cyclical adj redundancy adj check or CRC)) and receiver and (determin\$4 or acknowledg \$3 or ARQ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:48 |
| S236 | 165 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and (CRC near1 check\$3 same ACK or NAK same error) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:52 |
| S237 | 198 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and (CRC near1 check\$3near2 error same ACK or NAK) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:53 |
| S238 | 143 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and decod \$3 and (CRC near1 check \$3 near2 error same ACK or NAK) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:54 |
| S239 | 0 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and decod \$3 and (CRC near1 check \$3 near2 error same ACK or NAK) and (request near2 parity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:58 |
| S240 | 2 | ((encod\$3 or cod\$3 or append\$4) near1 data near1 (cyclical redundancy check or CRC)) and decod \$3 and (CRC near1 check \$3 near2 error same ACK or NAK) and (transmit\$4 near2 parity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 17:58 |
| S241 | 1 | "20030227875".PN. | US-PGPUB | OR | ON | 2010/05/19 19:02 |
| S242 | 1 | "20020196812".PN. | US-PGPUB | OR | ON | 2010/05/19 19:03 |
| S243 | 1 | "6757859".PN. | USPAT; USOCR | OR | ON | 2010/05/19 19:03 |
| S244 | 1 | "6304995".PN. | USPAT; USOCR | OR | ON | 2010/05/19 19:06 |
| S245 | 1 | "5721745".PN. | USPAT; USOCR | OR | ON | 2010/05/19 19:51 |
| S246 | 1 | "5475716".PN. | USPAT; USOCR | OR | ON | 2010/05/19 19:55 |

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| S247 | 3615 | (repeat\$3 near1 request) and (error near2 correct \$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 19:57 |
| S248 | 3473 | (repeat\$3 near1 request) and (error near1 correct \$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 19:58 |
| S249 | 1536 | (repeat\$3 near1 request) same (error near1 correct \$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 19:58 |
| S250 | 1155 | (repeat\$3 near1 request) same (error near1 correct \$4) and (cyclical redundancy check or CRC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 19:59 |
| S251 | 106 | (repeat\$3 near1 request) same (error near1 correct \$4) same parity and (cyclical redundancy check or CRC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 19:59 |
| S252 | 1278 | S230 and (error with CRC) same retransmis\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 22:14 |
| S253 | 110 | S231 and (error with CRC) same retransmis\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/19 22:14 |
| S254 | 1 | "6317418".PN. | USPAT; USOCR | OR | ON | 2010/05/20 09:07 |
| S255 | 124 | ((retransmis\$6 or re-transmi \$6) near2 parity near bit \$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/20 09:55 |
| S256 | 15 | ((retransmis\$6 or re-transmi \$6) near2 parity near bit \$1) same CRC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/20 09:56 |
| S257 | 1 | "6438723".PN. | USPAT; USOCR | OR | ON | 2010/05/20 10:05 |
| S258 | 1 | "5684791".PN. | USPAT; USOCR | OR | ON | 2010/05/20 10:43 |

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| S259 | 122 | ((retransmi\$6 or re-transmi\$6) near2 parity near bit \$1) and(CRC error) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/20 11:02 |
| S260 | 187 | (NACK or NAK near2 CRC) and (transmi\$6 near2 parity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/22 16:27 |
| S261 | 39 | (NACK or NAK near2 CRC) same (transmi\$6 near2 parity) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/22 16:27 |
| S262 | 845 | (NACK or NAK near2 CRC) same (transmi\$6 near2 parity or redundan\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/22 16:35 |
| S263 | 125 | (NACK or NAK near2 CRC) same (transmi\$6 near2 (parity or redundan\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/22 16:36 |
| S264 | 0 | ((NACK or NAK) near2 CRC) same (transmi\$6 near2 (parity or redundan \$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/22 16:36 |
| S265 | 32 | ((NACK or NAK) near2 CRC) and (transmi\$6 near2 (parity or redundan \$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/22 16:37 |
| S266 | 4 | "05359595", "06240073" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 16:24 |
| S267 | 1053 | 370/343.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 16:28 |
| S268 | 28 | S267 and (first near mode) and switch\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 16:29 |

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|------|------|---|---|----|----|---------------------|
| S269 | 2230 | (switch\$4 near2 communication near1 mode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 16:50 |
| S270 | 2 | (switch\$4 near2 communication near1 mode) and 375/262.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 16:52 |
| S271 | 1 | "5311546".PN. | USPAT; USOCR | OR | ON | 2011/01/10 16:53 |
| S272 | 1 | "5742646".PN. | USPAT; USOCR | OR | ON | 2011/01/10 16:54 |
| S273 | 188 | ((NACK or NAK) same CRC) and (transmi\$6 near2 (parity or redundan \$3)) and controller | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 18:11 |
| S274 | 4 | ((NACK or NAK) same CRC) and (transmi\$6 near2 (parity or redundan \$3)) and controller and (switch\$4 near1 operat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 18:12 |
| S275 | 109 | ((NACK or NAK) same CRC) and (transmi\$6 near2 (parity or redundan \$3)) and controller and (switch\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 18:16 |
| S276 | 23 | controller same (communicat\$3 same (mode or rate)) same (NACK or NAK) and master and slave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:01 |
| S277 | 8 | controller same (switch\$3 same communicat\$3 same (mode or rate)) same (NACK or NAK) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:06 |
| S278 | 949 | 375/220.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:11 |
| S279 | 708 | 375/220.ccls. and (switch \$3 same mode or rate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:15 |

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|------|-----|--|---|----|----|---------------------|
| S280 | 37 | 375/220.ccls. and (switch \$3 same operat\$3 near2 (frequency or mode or rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:16 |
| S281 | 80 | 375/220.ccls. and (switch \$3 same operat\$3 near2 (frequency or mode or rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:38 |
| S282 | 386 | (wireless near personal near area near network or WPAN) and (switch\$3 same operat\$3 near2 (frequency or mode or rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:41 |
| S283 | 43 | (wireless near personal near area near network or WPAN) and (switch\$3 same operat\$3 near2 (frequency or mode or rate)) and (ACK or NACK) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:41 |
| S284 | 932 | 375/262.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2011/01/10 21:47 |
| S285 | 34 | S284 and (ARIQ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 21:49 |
| S286 | 18 | "455"/\$.ccls. and S283 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 22:01 |
| S287 | 31 | (multiple near1 rate near1 encod\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 22:39 |
| S288 | 299 | (bluetooth same master same slave) and (communication near1 mode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 14:35 |
| S289 | 55 | (bluetooth same master same slave) and (communication near1 mode same switch\$4) and control\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 14:37 |

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|------|------|--|---|----|----|---------------------|
| S290 | 1211 | (bluetooth or blue-tooth same master same slave) and (communication near1 mode same switch \$4) and control\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 14:43 |
| S291 | 337 | (bluetooth or blue-tooth same master same slave) and (communication near mode same switch\$4 same control\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 14:44 |
| S292 | 1 | "06516202" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 14:54 |

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